Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011124\
Data File : BG060309.D
Acq On : 11 Jan 2024 14:39
Operator : MA/JU
Sample : P1100-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1MS

Quant Time: Jan 11 15:23:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.930	152	264293	20.000	ng		0.00
21) Naphthalene-d8	10.732	136	1126794	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	761568	20.000	ng		0.00
64) Phenanthrene-d10	17.319	188	1900828	20.000	ng		0.00
76) Chrysene-d12	21.579	240	1683487	20.000	ng		0.00
86) Perylene-d12	24.745	264	1879243	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	1531256	95.295	ng		0.00
7) Phenol-d6	7.095	99	2271780	95.478	ng		0.00
23) Nitrobenzene-d5	9.093	82	1306304	54.743	ng		0.00
42) 2,4,6-Tribromophenol	16.056	330	996804	88.962	ng		0.00
45) 2-Fluorobiphenyl	13.188	172	3106587	56.714	ng		0.00
79) Terphenyl-d14	19.933	244	4434835	59.218	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.406	88	239111	32.577	ng		97
3) Pyridine	3.799	79	640131	30.910	ng		94
4) n-Nitrosodimethylamine	3.717	42	250514	38.652	ng		97
6) Aniline	7.254	93	812061	34.145	ng		98
8) 2-Chlorophenol	7.495	128	683767	42.937	ng		98
9) Benzaldehyde	7.072	77	132901m	9.731	ng		
10) Phenol	7.125	94	1105210	46.328	ng		97
11) bis(2-Chloroethyl)ether	7.348	93	765307	39.369	ng		98
12) 1,3-Dichlorobenzene	7.818	146	730453	36.544	ng		98
13) 1,4-Dichlorobenzene	7.965	146	747571	36.861	ng		99
14) 1,2-Dichlorobenzene	8.282	146	734562	35.224	ng		96
15) Benzyl Alcohol	8.165	79	665294	43.195	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.453	45	863665m	36.605	ng		
17) 2-Methylphenol	8.370	107	665698	40.627	ng		95
18) Hexachloroethane	9.011	117	252506	35.511	ng		98
19) n-Nitroso-di-n-propyla...	8.729	70	590336	35.848	ng		96
20) 3+4-Methylphenols	8.699	107	891467	40.351	ng		99
22) Acetophenone	8.752	105	1157204	37.361	ng	#	99
24) Nitrobenzene	9.134	77	845459	34.178	ng		95
25) Isophorone	9.651	82	1619899	33.803	ng		98
26) 2-Nitrophenol	9.845	139	376567	41.403	ng		97
27) 2,4-Dimethylphenol	9.904	122	613148	51.018	ng		99
28) bis(2-Chloroethoxy)met...	10.139	93	1125538	38.440	ng		97
29) 2,4-Dichlorophenol	10.380	162	836910	42.972	ng		97
30) 1,2,4-Trichlorobenzene	10.591	180	883263	36.454	ng		94
31) Naphthalene	10.785	128	2159846	36.567	ng		97
32) Benzoic acid	10.021	122	273778m	30.514	ng		
33) 4-Chloroaniline	10.891	127	543187	23.867	ng		99
34) Hexachlorobutadiene	11.067	225	492871	31.227	ng		98
35) Caprolactam	11.667	113	258097	41.146	ng	#	84
36) 4-Chloro-3-methylphenol	12.013	107	778994	39.373	ng		99
37) 2-Methylnaphthalene	12.389	142	1579905	36.066	ng		98
38) 1-Methylnaphthalene	12.613	142	1493924	33.961	ng		96
40) 1,2,4,5-Tetrachloroben...	12.759	216	1056123	39.047	ng		98
41) Hexachlorocyclopentadiene	12.736	237	984155	109.595	ng		96
43) 2,4,6-Trichlorophenol	13.000	196	716094	41.602	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	778018	40.980	ng		94
46) 1,1'-Biphenyl	13.400	154	2313253	40.240	ng		99
47) 2-Chloronaphthalene	13.441	162	1866990	37.910	ng		98
48) 2-Nitroaniline	13.647	65	542509	44.234	ng		99
49) Acenaphthylene	14.287	152	2902347	42.797	ng		99
50) Dimethylphthalate	14.023	163	2230099	38.320	ng		99
51) 2,6-Dinitrotoluene	14.140	165	495985	39.940	ng		93
52) Acenaphthene	14.634	154	1625016	38.482	ng		98
53) 3-Nitroaniline	14.469	138	335196	29.623	ng		98
54) 2,4-Dinitrophenol	14.681	184	261293	39.565	ng		97
55) Dibenzofuran	14.963	168	2803647	39.772	ng		99
56) 4-Nitrophenol	14.786	139	770609	91.815	ng		93
57) 2,4-Dinitrotoluene	14.927	165	699692	41.088	ng	#	94
58) Fluorene	15.615	166	2318780	39.721	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	681927	42.299	ng		97
60) Diethylphthalate	15.386	149	2121832	37.977	ng		98
61) 4-Chlorophenyl-phenyle...	15.609	204	1189890	37.001	ng		99
62) 4-Nitroaniline	15.638	138	476591	39.573	ng		94
63) Azobenzene	15.897	77	2234219	39.536	ng		97
65) 4,6-Dinitro-2-methylph...	15.691	198	300238	28.551	ng		94
66) n-Nitrosodiphenylamine	15.826	169	2062617	40.867	ng		97
67) 4-Bromophenyl-phenylether	16.502	248	765830	36.667	ng		98
68) Hexachlorobenzene	16.620	284	917538	37.112	ng		96
69) Atrazine	16.772	200	805056	42.301	ng		98
70) Pentachlorophenol	16.966	266	956347	71.763	ng		96
71) Phenanthrene	17.360	178	3607347	39.263	ng		99
72) Anthracene	17.448	178	3632953	39.605	ng		99
73) Carbazole	17.718	167	3361046	38.866	ng		99
74) Di-n-butylphthalate	18.276	149	3477259	39.079	ng		100
75) Fluoranthene	19.369	202	4106075	37.208	ng		99
77) Benzidine	19.551	184	1859356	50.838	ng		99
78) Pyrene	19.734	202	4257114	39.599	ng		96
80) Butylbenzylphthalate	20.621	149	1596079	43.152	ng		99
81) Benzo(a)anthracene	21.561	228	4185288	40.158	ng		100
82) 3,3'-Dichlorobenzidine	21.479	252	1109217	27.791	ng	#	98
83) Chrysene	21.626	228	3933116	38.371	ng		99
84) Bis(2-ethylhexyl)phtha...	21.467	149	2353276	42.105	ng		97
85) Di-n-octyl phthalate	22.654	149	3917256	43.250	ng		100
87) Indeno(1,2,3-cd)pyrene	28.353	276	5270220	40.334	ng	#	93
88) Benzo(b)fluoranthene	23.741	252	4326874	38.975	ng		97
89) Benzo(k)fluoranthene	23.805	252	4355279	39.755	ng		100
90) Benzo(a)pyrene	24.599	252	4037889	40.263	ng		97
91) Dibenzo(a,h)anthracene	28.418	278	4257375	39.896	ng		99
92) Benzo(g,h,i)perylene	29.487	276	4082413	37.327	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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